

IN THE ABSTRACT:

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ABSTRACT OF THE DISCLOSURE

An optical switch has at least first, second, and third optical fibers disposed generally parallel to each other and spaced at non-equal intervals. The optical fibers have tip portions disposed approximately along a straight line. A first guiding structure is non-movably mounted in front of the tip portions of the optical fibers for guiding a beam of light emitted from the first optical fiber to the second optical fiber along a first optical path disposed between the tip portion of the first optical fiber and the tip portion of the second optical fiber. A second guiding structure is mounted for undergoing movement to a position in front of the tip portions of the optical fibers for guiding the beam emitted from the first optical fiber to the third optical fiber along a second optical path disposed between the tip portion of the first optical fiber and the tip portion of the third optical fiber so that a length of the second optical path is substantially equal to a length of the first optical path.